GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department - Delegation of Powers to Chief Engineers for approval of Designs in view of COVID – 19 and Lockdown situation – Orders – Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.MS.No. 20 Dated: 20-05-2020.
Read the following:

1. Engineer-in-Chief (IW) Circular No ENC / IW / P&M / EE1/DEE7/ TOSG / 20252 Dt. 31-3-2005.
2. Government Memo No. 3277/Reforms / 2008 Dt.02-4-2008.
3. Engineer-in-Chief (Irrigation) Lr No. ENC (IRRIG) / VJWD / DCE / Design / 2020 Dt.04-5-2020

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O R D E R:

In the reference 1st read above, certain guidelines were issued delegating the powers of approval of Hydraulic Particulars, Designs to the Chief Engineers / Superintending Engineers / Executive Engineers, superseding all standing circulars on the subject.

2. In the Memo 2nd read above, Government have issued certain guidelines delegating the powers for finalization of designs of structures submitted by the EPC Agencies, for timely completion of the projects.

3. In the letter 3rd read above, the Engineer-in-Chief (Irrigation), Water Resources Dept., Vijayawada has furnished proposals for delegation of powers suggesting modifications in the orders issued earlier.

4. Government, after careful examination and reviewing the situation of spread of COVID-19 and Lockdown, hereby order the following delegation of powers in respect of all works including EPC and Non EPC Works:

(**A) Main Canals & Branch Canals:**

(a) Alignment and Hydraulic Particulars:

(i) Shall be approved by the concerned Chief Engineers for discharges upto 45 cumecs.

(ii) For discharges above 45 cumecs, to be approved by the Chief Engineer, CDO

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(b) Designs of OT Sluices on the Canals:
Shall be approved by the concerned Chief Engineers or SE . The Chief Engineer shall delegate powers to the concerned Superintending Engineer for lesser discharge.

(c) CM & CD works:

(i) All SL Bridges / DL Bridges shall be approved by the concerned Chief Engineers irrespective of canal discharge. The Chief Engineers can approve the designs of CD works up to discharge of 45 cumecs irrespective of drain discharge.

(B) Distributaries taking off from Main Canal / Branch Canals:

(i) The location of direct Pipe Outlet on the Main Canal shall be approved by the concerned Chief Engineer in order to avoid indiscriminate proposals of DPs on Main Canal.

(ii) The alignment and Hydraulic Particulars shall be approved by the Superintending Engineers, if the discharges upto or less than 10 cumecs.

(iii) The alignment and Hydraulic Particulars are to be approved by the concerned Chief Engineer, if the discharge is in between 10 cumecs – 45 cumecs. For discharges, above 45 cumecs, they have to be approved by the Chief Engineer / CDO.

(C) The proposal of the structures on Canals at crossings of NH, Railway and R&B roads shall be furnished directly to the respective departments by the concerned Chief Engineers without routing through CE, CDO.

(D) In respect of Electro Mechanical works, the designs and drawings vetted by the APGENCO or an Institute referred by APGENCO shall be approved by the concerned Chief Engineers.

(E) In respect of other Mechanical Items such as sluice gates etc., the designs shall be got vetted by the General Superintendent, PW Work Shops, Seethanagaram, for a water thrust below 2 Tons.

(F) The Design of Earth Bunds / Embankments of height more than 6 Mts shall be referred to CE , CDO.

(G) The designs of all checkdams shall be approved by the concerned Chief Engineers for the drains having discharge less than 150 cumecs. For discharges more than 150 cumecs, the designs are to be approved by the Chief Engineer, Central Designs Organization.

(H) Any design involving typical foundation problems and structural importance may be referred to the CDO

(I) Irrespective of discharge, the design of tunnels are to be approved by the CE, CDO.

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(J) The design of spillways, barrages, irrespective of discharge of stream shall be approved by the Chief Engineer, CDO .

(K) The Chief Engineers, who do not have design wings may form the same by drawing staff, which have design knowledge, from the circles within their units.

(L) The powers of Executive Engineers for approving design reports of CM / CD Works may be decided by the Superintending Engineers suitably according to workload etc., with the following limiting factors:

(a) This power may be restricted to approving the design reports of sluices passing up to 1.50 cumecs, including alignment and hydraulic particulars.

(b) Standard designs approved by the Chief Engineers / Superintending Engineers are to be adopted. No original design work to be done at division level.

(M) In all the above cases, the type designs, drawings and design principles of CDO and relevant BIS Codes should be followed in future designs at all levels. Any disputes with regard to approvals of designs may be referred to a committee as provided in GO. 50 dt 2/3/2009.

5. The Chief Engineer / Superintending Engineer / Executive Engineers are requested to follow the above guidelines while finalizing the Designs and Hydraulic Particulars for timely completion of projects.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

ADITYA NATH DAS
SPECIAL CHIEF SECRETARY TO GOVT.

To
The Engineer-in-Chief (Irrigation), WRD, Vijayawada.
The Chief Engineer, CDO, Vijayawada.
The Chief Engineer (IW), WRD, Vijayawada.
All the Chief Engineers of Water Resources Department.
All the Superintending Engineers / Executive Engineers of W.R. Dept., through the CEs Concerned.
SC/SF.

//FORWARDED::BY ORDER//

SECTION OFFICER